

SSSSSSSSSSSSSS	000000000	RRRRRRRRRRRR	TTTTTTTTTTTTTT	3333333333	2222222222
SSSSSSSSSSSSSS	000000000	RRRRRRRRRRRR	TTTTTTTTTTTTTT	3333333333	2222222222
SSSSSSSSSSSSSS	000000000	RRRRRRRRRRRR	TTTTTTTTTTTTTT	3333333333	2222222222
SSS	000	RRR	TTT	333	222
SSS	000	RRR	TTT	333	222
SSS	000	RRR	TTT	333	222
SSS	000	RRR	TTT	333	222
SSS	000	RRR	TTT	333	222
SSS	000	RRR	TTT	333	222
SSSSSSSSSS	000	RRRRRRRRRRRR	TTT	333	222
SSSSSSSSSS	000	RRRRRRRRRRRR	TTT	333	222
SSSSSSSSSS	000	RRRRRRRRRRRR	TTT	333	222
SSS	000	RRR	TTT	333	222
SSS	000	RRR	TTT	333	222
SSS	000	RRR	TTT	333	222
SSS	000	RRR	TTT	333	222
SSS	000	RRR	TTT	333	222
SSS	000	RRR	TTT	333	222
SSSSSSSSSSSSSS	000000000	RRR	TTT	3333333333	22222222222222
SSSSSSSSSSSSSS	000000000	RRR	TTT	3333333333	22222222222222
SSSSSSSSSSSSSS	000000000	RRR	TTT	3333333333	22222222222222

[illegible]

*
* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY
* DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS.
* ALL RIGHTS RESERVED.
*

* THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED
* ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE
* INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER
* COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY
* OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY
* TRANSFERRED.
*

* THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE
* AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT
* CORPORATION.
*

* DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS
* SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.
*

Version: 'V04-000'

++

TITLE: CDD\$TYPE CDD Bit Value Definitions Require File

FACILITY: Common Data Dictionary

ABSTRACT:

This module is a BLISS-32 REQUIRE FILE that defines the
bit values needed to call the program interface.

ENVIRONMENT:

All routines run in any access mode.

These routines are NOT AST reentrant.

AUTHOR: Jeff East, 11-Nov-80

MODIFIED BY:

<no modifications yet>

--

++ XSBTTL 'Security Masks'

-- SECURITY MASKS

+ CDD security bits

LITERAL

CDD\$K_PROT_C	= 1^1 - 1^0,	CONTROL access
CDD\$K_PROT_D	= 1^2 - 1^1,	LOCAL DELETE access
CDD\$K_PROT_G	= 1^3 - 1^2,	GLOBAL DELETE access
CDD\$K_PROT_H	= 1^4 - 1^3,	HISTORY list entry creation access
CDD\$K_PROT_P	= 1^5 - 1^4,	PASS THRU access
CDD\$K_PROT_S	= 1^6 - 1^5,	SEE (read) access
CDD\$K_PROT_U	= 1^7 - 1^6,	UPDATE terminal node access
CDD\$K_PROT_X	= 1^8 - 1^7,	EXTEND directory node access
CDD\$K_PROT_F	= 1^9 - 1^8,	FORWARDing directory node creation

+ Other processor security bits

+ VAX-11 Datatrieve

CDD\$K_DTR_PROT_E	= 1^17 - 1^16,	EXTEND file
CDD\$K_DTR_PROT_R	= 1^18 - 1^17,	READ file
CDD\$K_DTR_PROT_M	= 1^19 - 1^18,	MODIFY file
CDD\$K_DTR_PROT_W	= 1^20 - 1^19,	WRITE file

XSBTTL 'User Literal Definitions'

USER LITERAL DEFINITIONS

These symbols are needed by users of the program interface.

System Defined Attribute Names

LITERAL
CDD\$K_SYSNAM_FLAGS = 1^28 OR 1^27 OR 0^16; ! Global/System-defined/Protocol=0

LITERAL
CDD\$K_FIRST_SYSNAM = 1 OR CDD\$K_SYSNAM_FLAGS, ! Lowest system defined attribute name value
CDD\$K_FILE = 1 OR CDD\$K_SYSNAM_FLAGS, ! Node's file name
CDD\$K_HISTORY = 2 OR CDD\$K_SYSNAM_FLAGS, ! History list head
CDD\$K_NAME = 3 OR CDD\$K_SYSNAM_FLAGS, ! Node's name
CDD\$K_PROTOCOL = 5 OR CDD\$K_SYSNAM_FLAGS, ! Node's protocol name
CDD\$K_TYPE = 6 OR CDD\$K_SYSNAM_FLAGS, ! Type of object pointed to by location code
CDD\$K_PATHNAME = 7 OR CDD\$K_SYSNAM_FLAGS, ! Node's complete pathname
CDD\$K_SHORT_PATHNAME = 8 OR CDD\$K_SYSNAM_FLAGS, ! Node's short pathname
CDD\$K_LAST_SYSNAM = 8 OR CDD\$K_SYSNAM_FLAGS, ! Highest system defined attribute name value

Attribute and Entity Types

LITERAL
CDD\$K_ENTITY = 1,
CDD\$K_ENTITY_LIST = 2,
CDD\$K_NULL = 3,
CDD\$K_NUMERIC = 4,
CDD\$K_STRING = 5,
CDD\$K_STRING_LIST = 6,
CDD\$K_DIRECTORY = 7,
CDD\$K_TERMINAL = 8;

User's entity purge options

LITERAL
CDD\$K_ALL = 1^1 - 1^0,
CDD\$K_ABORT = 1^2 - 1^1,
CDD\$K_CHECKPOINT = 1^3 - 1^2;

User's node creation options

!-

LITERAL
CDD\$K_NOHISTORY = 1^1 - 1^0, ! Doesn't want history list cluster
CDD\$K_NOACL = 1^2 - 1^1; ! Prevent default ACL entry

!+
!-
!-

User's node deletion options

LITERAL
CDD\$K_CHECK = 1^1 - 1^0, ! Fail if directory has children
CDD\$K_SUBDICTIONARY = 1^2 - 1^1; ! Delete contents of subdictionaries

DIGITAL EQUIPMENT CORPORATION
CONFIDENTIAL AND PROPRIETARY